

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference RLL-293W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/IB 03/ 01288	International filing date (day/month/year) 09/04/2003	(Earliest) Priority Date (day/month/year)
Applicant RANBAXY LABORATORIES LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/01288

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D209/52 A61K31/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ANDERSSON P G ET AL: "ASYMMETRIC TOTAL SYNTHESIS OF (+)-TOLTERODINE, A NEW MUSCARINIC RECEPTOR ANTAGONIST, VIA COPPER-ASSISTED ASYMMETRIC CONJUGATE ADDITION OF ARYL GRIGNARD REAGENTS TO 3-PHENYL-PROP-2-ENOYL-OXAZOLIDINONES" JOURNAL OF ORGANIC CHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, US, vol. 63, no. 22, 1998, pages 8067-8070, XP001037685 ISSN: 0022-3263 page 8067, column 1, paragraph 1; figure 1 ---	1-14
A	US 5 559 269 A (JOHANSSON ROLF A ET AL) 24 September 1996 (1996-09-24) column 9, line 60 -column 10, line 54; claims 1,7,8; table 1 --- -/--	1-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

10 September 2003

Date of mailing of the international search report

18/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Guspanova, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/01288

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 93 16048 A (FUJISAWA PHARMACEUTICAL CO) 19 August 1993 (1993-08-19) Formulas (I) and (a)-(d) abstract ---	1-14
A	EP 0 823 423 A (BANYU PHARMA CO LTD) 11 February 1998 (1998-02-11) cited in the application Formula (I) Table on pages 19-29 abstract; claim 1; tables 1,2 ---	1-14
A	US 5 397 800 A (ALKER DAVID ET AL) 14 March 1995 (1995-03-14) Table in columns 7-10 Table in column 11 column 1, paragraph 1; claim 1 -----	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/01288

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5559269	A	24-09-1996	AT 164828 T	15-04-1998
			AU 672458 B2	03-10-1996
			AU 5438094 A	08-06-1994
			CA 2148827 A1	26-05-1994
			DE 69317898 D1	14-05-1998
			DE 69317898 T2	15-10-1998
			DK 667852 T3	11-01-1999
			EP 0667852 A1	23-08-1995
			ES 2117155 T3	01-08-1998
			FI 952179 A	05-05-1995
			HK 1006349 A1	19-02-1999
			HU 72742 A2	28-05-1996
			JP 3343256 B2	11-11-2002
			JP 8503208 T	09-04-1996
			NO 951775 A	05-05-1995
			WO 9411337 A1	26-05-1994
			US 5686464 A	11-11-1997
WO 9316048	A	19-08-1993	CA 2155320 A1	19-08-1993
			WO 9316048 A1	19-08-1993
EP 0823423	A	11-02-1998	AU 700837 B2	14-01-1999
			AU 5513996 A	18-11-1996
			EP 0823423 A1	11-02-1998
			JP 2993124 B2	20-12-1999
			US 5750540 A	12-05-1998
			CA 2218479 A1	31-10-1996
			WO 9633973 A1	31-10-1996
US 5397800	A	14-03-1995	FI 922143 A	12-05-1992
			JP 7119213 B	20-12-1995
			JP 5501887 T	08-04-1993
			CA 2068527 A1	14-03-1992
			WO 9205172 A2	02-04-1992
			EP 0510129 A1	28-10-1992
			IE 913210 A1	25-02-1992
			PT 98929 A , B	31-07-1992